



General

The Flange Seals FL01A is a simple designed assymetric seal for a wide range of static applications. Common sealing edge on the gap side for improved sealing performance.

Features

- ⇒ Especially designed for pressure from outside.
- ⇒ Simple seal design maintain low costs.
- ⇒ Variable dimesions to be used also in special dimensioned grooves.
- ⇒ Sealing over a wide range of pressures, temperatures and tolerances.
- ⇒ Wide application ranges.
- ⇒ Simple mounting.
- ⇒ Compact and simple grooves.
- ⇒ Easy and cost saving constructions possible.

Application

Static sealing (e.g. flanges)

Installation

Snap-in installation

Seal housing recommendation

Tolerances	[mm]	
L < 10mm	+ 0.2	
L ≥ 10mm	+ 0.3	
∅ NA	H8	
∅ NI	f7	
Surface roughness	Rtmax [μ]	Ra [μ]
Bottom of groove	≤ 6.3	≤ 1.6
Face of groove	≤ 15	≤ 3
Sliding surface	Rtmax [μ]	Ra [μ]
	≤ 6,3	≤ 1,6

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